PTO/SB/05 (03-01)
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UTILITY			ocket No.	503.39455VX1				
PATENT APPLICATION		First Inventor		Masaya ADACHI et al	. OI			
TR	ANSMITTAL	Title		BUTION CONTROL DE				
(Only for new nonprovision	onal applications under 37 CFR 1.53(b))	Express M	fail Label No.	NOTIBED WITH THE	э. <u>э. э.</u>			
	PPLICATION ELEMENTS 600 concerning patent application			Mail Stop Patent Application Commissioner for Patents POB 1450 Alexandria, Virginia 22313-1450				
2. Applicant classes 37 CFR 3. Specification -Descriptive -Cross Refe -Statement -Reference or a comput -Background -Brief Descriptive -Claim(s) -Abstract of 4. Drawing(s)(35 5. Oath or Declaration a. Newly exect b. Copy from (for conti-	In [Total Pages: 99] It title of the invention (or title page) Irence to Related Applications Regarding Fed sponsored R & D It to sequence listing, a table, Inter program listing appendix Ind of the Invention Intripition of the Drawings (if filed) Interest in the Disclosure U.S.C. 113) [Total Pages-27: Figs.	7. □ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary) a. □ Computer Readable Form (CRF) b. Specification Sequence Listing on: i. □ CD-ROM or CD-R (2 copies); or ii. □ paper c. □ Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. □ Assignment(s/Recordation Cover Form(s) PTO-1595 10. □ 37 CFR 3.73(b) Statement □ Power of Attorney (when there is an assignee) (In Declarations) 11. □ English Translation Document (if applicable) 12. □ Information Disclosure □ Copies/IDS Refs. Statement (IDS)/PTO-1449 13. □ Preliminary Amendment 14. □ Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. □ Certified Copy of Priority Document(s)						
ii. 🗆 FILEC	(d)(2) and 1.33(b) O WITHOUT DECLARATION Data Sheet (See 37 CFR §1.76)	16. Non (b)(2	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.					
amendment, or in an Continuation Prior application infor	IONAL APPS only: The entire disclosure of the disclosure of the accompanying 19. CO ar Code Label (Insert Custome)	FR 1.76: -part (CIP) roup Art Unit re of the prio g continuatio RRESPONDE 020457	of prior appli 2851 r application, fro n or divisional a NCE ADDRESS	cation No.: 09/743,495 f m which an oath or declar pplication and is hereby in or Correspond	iled 10 January 2001			
Name	ANTONELLI, TERRY, STOUT &		.P					
	1300 North Seventeenth Street							
Address	Suite 1800			7:- 0	22200 2804			
City	Arlington	State	VA 242 6600	Zip Code	22209-3801			
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Name Paul J. Signature	MA Shumant		registration i	No. (Attomey/Agent) Date	18 August 2003			



PTO/SB/17 (10-01)
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FEE TRANSMITTAL			Complete if Known					
PEE IKANSIIII IAL		Application Number Unassigned (§53b Div. of 09/743,49				3b Div. of 09/743,495)		
for FY 2002		Filing Date			18 August 2003			
101 1 1 2002		First Named Inventor			Masaya ADACHI et al.			
Patent fees are subject to annual revision.	ı	Examir	ner Nai	me				
	ı				Unassigned (Parent - M Crus)			
TOTAL AMOUNT OF PAYMENT (\$) 750,00		Group Art Unit Unassigned (Parent - 2851)				ent - 2651)		
	一	Attorney Docket No. 503.39455VX1						
METHOD OF PAYMENT	<u> </u>			FE	ALCULATION (col	ntinued)		
1. The Commissioner is hereby authorized to charge DEFICIENCIES indicated to: Deposit Account Number 01-2135 Deposit Account Name ATS&K Charge Any Additional Fee Required	Fee Coo		,	FEES Small Entity Fee (\$)	Fee Description	Fee Paid		
Under 37 CFR 1.1 6 and 1.17 Applicant Claims small entity status.	105	130	205	65	charge - late filing fee	or oath		
See 37 CFR 1.27	127	50	227	25	charge – late provisiona er sheet	al filing fee or		
2. Payment Enclosed:	139		139	130	n-English specification			
☐ Check ☐ Credit Card ☐ Money Order ☐ Other	147	2,520	147		filing a request for ex p			
FEE CALCULATION	112	920*	112	920*	questing publication of S amination action	SIR prior to		
BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	113	1,840	113	1,840	questing publication of saminer action	SIR after		
Code (\$) Code (\$)	115	110	215	55	ension for reply within fi	irst month		
1001 750 201 370 Utility filing fee	116		216	200	ension for reply within s			
106 330 206 165 Design filing fee	117	920	217	460	ension for reply within th			
107 510 207 255 Plant filing fee	118			720	ension for reply within for			
108 740 208 370 Reissue filing fee	128		228	980	ension for reply within fi	ifth month		
114 160 214 80 Provisional filing fee	119		219	160	ice of Appeal	_		
SUBTOTAL (1)	120		220	160	ng a brief in support of a	an appeal		
\$750.00	121 138	280 1,510	221 138	140	quest for oral hearing			
1. EXTRA CLAIM FEES	140		240	55	ition to institute a public ition to revive – unavoid	· -		
Fee from Extra Claims below Fee Paid	141	1,280	241	640	ition to revive - uninten			
Total Claims 10-20** = 00 x\$18 = \$00	142		242	640	ity issue fee (or reissue			
	143	•	243	230	sign issue fee	,		
Indep. Claims 3-3** = 00 x\$ 84 = \$00	144	620	244	310	nt issue fee			
Multiple Dependent =	122	130	122	130	itions to the Commissio	ner		
5-44- 011 5-44-	123	50	123	50	cessing fee under 37 C	FR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	126	180	126	180	mission of Information	Disclosure Stmt		
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	581	40	581	40	cording each patent ass perty (times number of p	properties)		
102 84 202 42 Independent claims in excess of 3	146		246	370	each additional invention mined (37 CFR § 1.129			
104 280 204 140 Multiple dependent claim, if not paid	149		249	370	each additional invention invention in the control of the control	P(b))		
109 84 209 42 ** Reissue independent claims over original patent	179	740	279	370	quest for Continued Exa	i i		
• '	169	900	169	900	quest for expedited exam	mination		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent		of a design application Other fee (specify)						
SUBTOTAL (2) \$00	*Re	duced by	Basic Fi	ling Fee	su:	BTOTAL (3) (\$)00		
**or number previously paid, if greater; For Reissues, see above.	1							

SUBMITTED BY		Complete (if applicable)				
Name (Print/Type)	e (Print/Type) Paul J. SKWIERAWSKI		32,173	Telephone	703-312-6600	
Signature	Gant 1 Shwingshi				18 August 2003	

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